

# **Sexually Transmitted Disease in Wisconsin 2004**

## **Northeastern Region**



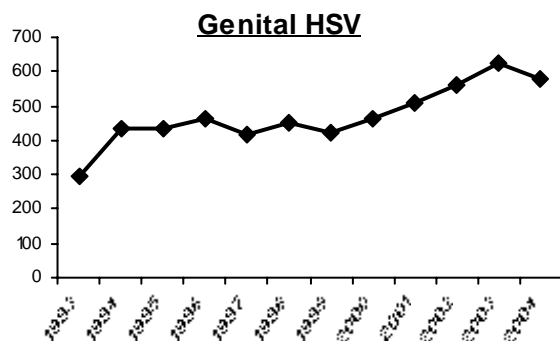
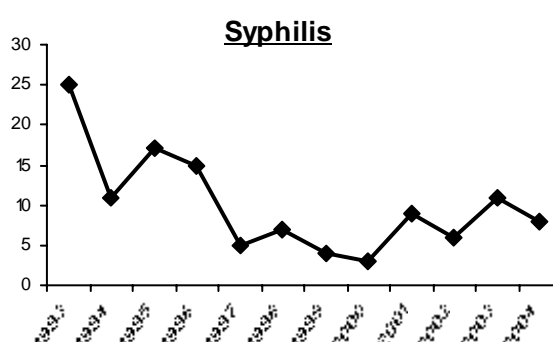
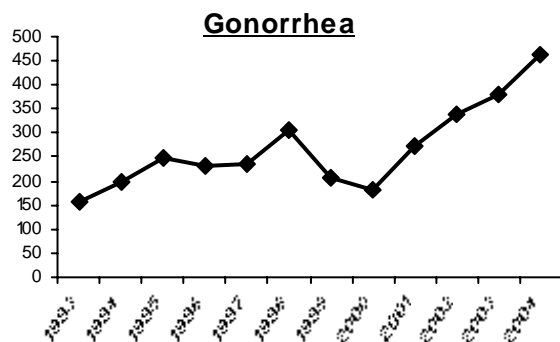
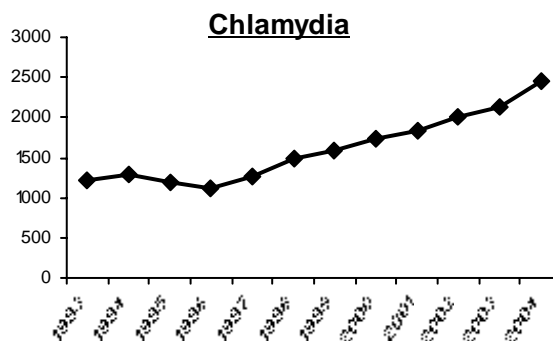
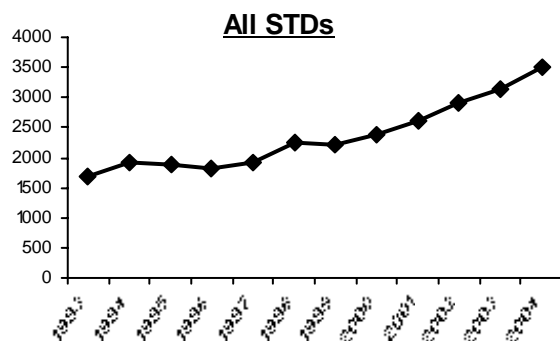
***Wisconsin STD Program***

**Table 1. Reported cases of sexually transmitted disease**  
**Northeastern Region**  
**Year: 2004**

	<u>All STDs</u>		<u>Chlamydia</u>		<u>Gonorrhea</u>		<u>Syphilis</u>		<u>Genital HSV</u>	
	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent
<b>Total</b>	3492	100.0%	2444	100.0%	462	100.0%	8	100.0%	578	100.0%
<b>Sex</b>										
Male	860	24.6%	617	25.2%	155	33.5%	6	75.0%	82	14.2%
Female	2626	75.2%	1824	74.6%	305	66.0%	2	25.0%	495	85.6%
Unknown	6	0.2%	3	0.1%	2	0.4%	0	0.0%	1	0.2%
<b>Race</b>										
White	2285	65.4%	1640	67.1%	273	59.1%	4	50.0%	368	63.7%
Black	305	8.7%	186	7.6%	105	22.7%	1	12.5%	13	2.2%
Am. Indian	218	6.2%	175	7.2%	27	5.8%	0	0.0%	16	2.8%
Asian/Pacific Is.	100	2.9%	84	3.4%	8	1.7%	3	37.5%	5	0.9%
Other	44	1.3%	37	1.5%	3	0.6%	0	0.0%	4	0.7%
Unknown	540	15.5%	322	13.2%	46	10.0%	0	0.0%	172	29.8%
<b>Hispanic ethnicity</b>										
Hispanic	182	5.2%	156	6.4%	11	2.4%	0	0.0%	15	2.6%
Non Hispanic	2420	69.3%	1766	72.3%	302	65.4%	8	100.0%	344	59.5%
Unknown	890	25.5%	522	21.4%	149	32.3%	0	0.0%	219	37.9%
<b>Age group</b>										
0-4	4	0.1%	1	0.0%	0	0.0%	1	12.5%	2	0.3%
5-9	1	0.0%	1	0.0%	0	0.0%	0	0.0%	0	0.0%
10-14	36	1.0%	25	1.0%	9	1.9%	0	0.0%	2	0.3%
15-19	1007	28.8%	776	31.8%	150	32.5%	0	0.0%	81	14.0%
20-24	1329	38.1%	1024	41.9%	144	31.2%	1	12.5%	160	27.7%
25-29	565	16.2%	398	16.3%	73	15.8%	1	12.5%	93	16.1%
30-34	229	6.6%	121	5.0%	40	8.7%	2	25.0%	66	11.4%
35-39	134	3.8%	51	2.1%	25	5.4%	1	12.5%	57	9.9%
40-44	78	2.2%	28	1.1%	8	1.7%	0	0.0%	42	7.3%
45-49	53	1.5%	11	0.5%	9	1.9%	1	12.5%	32	5.5%
50+	56	1.6%	8	0.3%	4	0.9%	1	12.5%	43	7.4%
Unknown	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

**Table 2. Reported cases of sexually transmitted disease by year**  
**Northeastern Region**

Year	All STDs	Chlamydia	Gonorrhea	Syphilis	Genital HSV
1993	1,692	1,212	159	25	296
1994	1,928	1,285	198	11	434
1995	1,884	1,183	248	17	436
1996	1,829	1,120	231	15	463
1997	1,922	1,266	235	5	416
1998	2,249	1,488	305	7	449
1999	2,217	1,587	205	4	421
2000	2,372	1,725	181	3	463
2001	2,612	1,823	273	9	507
2002	2,925	2,015	340	6	564
2003	3,154	2,137	379	11	627
2004	3,492	2,444	462	8	578
<b>Total</b>	<b>28,276</b>	<b>19,285</b>	<b>3,216</b>	<b>121</b>	<b>5,654</b>



**Table 3. Reported cases of sexually transmitted disease by county**  
**Northeastern Region**  
**Year: 2004**

County	<u>All STDs</u>			<u>Chlamydia</u>			<u>Gonorrhea</u>			<u>Syphilis</u>			<u>Genital HSV</u>		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Brown	1146	32.8%	480	783	32.0%	328	230	49.8%	96	1	12.5%	**	132	22.8%	55
Calumet	48	1.4%	108	39	1.6%	88	4	0.9%	**	0	0.0%	**	5	0.9%	11
Door	61	1.7%	211	44	1.8%	152	5	1.1%	17	0	0.0%	**	12	2.1%	41
Fond Du Lac	266	7.6%	268	174	7.1%	175	32	6.9%	32	0	0.0%	**	60	10.4%	60
Green Lake	41	1.2%	212	36	1.5%	186	1	0.2%	**	0	0.0%	**	4	0.7%	**
Kewaunee	22	0.6%	105	12	0.5%	58	2	0.4%	**	0	0.0%	**	8	1.4%	38
Manitowoc	142	4.1%	170	110	4.5%	132	5	1.1%	6	1	12.5%	**	26	4.5%	31
Marinette	66	1.9%	150	42	1.7%	95	5	1.1%	11	0	0.0%	**	19	3.3%	43
Marquette	22	0.6%	146	17	0.7%	113	2	0.4%	**	0	0.0%	**	3	0.5%	**
Menominee	65	1.9%	1,412	60	2.5%	1,303	1	0.2%	**	0	0.0%	**	4	0.7%	**
Oconto	64	1.8%	169	45	1.8%	119	6	1.3%	16	0	0.0%	**	13	2.2%	34
Outagamie	483	13.8%	285	342	14.0%	202	73	15.8%	43	2	25.0%	**	66	11.4%	39
Shawano	88	2.5%	210	76	3.1%	182	2	0.4%	**	0	0.0%	**	10	1.7%	24
Sheboygan	345	9.9%	299	257	10.5%	223	26	5.6%	23	4	50.0%	**	58	10.0%	50
Waupaca	83	2.4%	156	72	2.9%	136	3	0.6%	**	0	0.0%	**	8	1.4%	15
Waushara	45	1.3%	183	33	1.4%	135	1	0.2%	**	0	0.0%	**	11	1.9%	45
Winnebago	505	14.5%	313	302	12.4%	187	64	13.9%	40	0	0.0%	**	139	24.0%	86
<b>Total</b>	<b>3492</b>	<b>100.0%</b>	<b>290</b>	<b>2444</b>	<b>100.0%</b>	<b>203</b>	<b>462</b>	<b>100.0%</b>	<b>38</b>	<b>8</b>	<b>100.0%</b>	<b>1</b>	<b>578</b>	<b>100.0%</b>	<b>48</b>

\* Cases per 100,000 population

\*\* Rate not calculated for categories with less than 5 cases.

**Table 4. Reported cases of sexually transmitted disease by age and disease**  
**Northeastern Region**  
**Year: 2004**

<b>All STDs</b>			<b>Chlamydia</b>			<b>Gonorrhea</b>		
<b>Age</b>	<b>Cases</b>	<b>Rate*</b>	<b>Age</b>	<b>Cases</b>	<b>Rate*</b>	<b>Age</b>	<b>Cases</b>	<b>Rate*</b>
0-4	4	**	0-4	1	**	0-4	0	**
5-9	1	**	5-9	1	**	5-9	0	**
10-14	36	42	10-14	25	29	10-14	9	10
15-19	1,007	1150	15-19	776	886	15-19	150	171
20-24	1,329	1591	20-24	1,024	1226	20-24	144	172
25-29	565	759	25-29	398	535	25-29	73	98
30-34	229	304	30-34	121	161	30-34	40	53
35-39	134	154	35-39	51	58	35-39	25	28
40-44	78	77	40-44	28	27	40-44	8	7
45-49	53	54	45-49	11	11	45-49	9	9
50+	56	15	50+	8	2	50+	4	**
Total	3,492	290	Total	2,444	203	Total	462	38

<b>Syphilis</b>			<b>Genital HSV</b>		
<b>Age</b>	<b>Cases</b>	<b>Rate*</b>	<b>Age</b>	<b>Cases</b>	<b>Rate*</b>
0-4	1	**	0-4	2	**
5-9	0	**	5-9	0	**
10-14	0	**	10-14	2	**
15-19	0	**	15-19	81	92
20-24	1	**	20-24	160	191
25-29	1	**	25-29	93	125
30-34	2	**	30-34	66	87
35-39	1	**	35-39	57	65
40-44	0	**	40-44	42	41
45-49	1	**	45-49	32	33
50+	1	**	50+	43	11
Total	8	0	Total	578	48

\* Cases per 100,00 population

\*\* Rate not calculated for categories with less than 5 cases.

**Table 5. Reported sexually transmitted disease, reported rates\* and imputed rates\*\* by race**  
**Northeastern Region**  
**Year: 2004**

	Cases per 100,000 population***				
	All STDs	Chlamydia	Gonorrhea	Syphilis	Genital HSV
	Reported - Imputed	Reported - Imputed	Reported - Imputed	Reported - Imputed	Reported - Imputed
White	199 - 236	143 - 163	23 - 26	** - **	32 - 45
Black	2360 - 2758	1439 - 1706	812 - 896	** - **	100 - 148
Am. Indian	1090 - 1273	875 - 1022	135 - 151	** - **	80 - 99
Asian/Pacific Is.	433 - 516	363 - 427	34 - 41	** - **	21 - 35

\* The reported rate is the number reported cases with specified race per 100,000 population. Because some cases are reported with unspecified race, the reported rate under-estimates actual morbidity and thus should be regarded as a minimum estimate.

\*\* The imputed rate takes into consideration cases reported without race specified. To calculate the imputed rate reported cases with unspecified race were statistically allocated using the county-specific race distribution among cases with specified race. Thus, imputed rates specified in this table are estimates.

\*\*\* Rate not calculated for categories with less than 5 cases.

## Technical notes

1. These reports are compiled by the Wisconsin STD Program and are based on STD case surveillance data collected by the Wisconsin Division of Public Health (DPH). In Wisconsin, state statutes require health care providers to report cases of chlamydia, gonorrhea, syphilis, primary genital Herpes simplex virus (HSV) infection, chancroid, and pelvic inflammatory disease to local health departments. Local health departments in turn forward reports to the DPH.
2. In this analysis the term "all STDs" refers specifically to reported cases of chlamydia, gonorrhea, syphilis, and primary genital Herpes simplex virus (HSV) infection. Unless otherwise specified, syphilis cases shown in these reports include all stages of disease.
3. These reports include cases diagnosed within the specified period. Additional cases diagnosed within the specified period may continue to be reported. Thus, this report should be considered provisional, and this report supercedes all previous reports.
4. Reporting of STDs cases is incomplete. Reporting rates may vary by disease, geographic region, and demographic groups. At any time, reported STD cases represent only part of the total number of diagnosed cases, therefore STD surveillance data likely underestimate total STD morbidity.
5. In these reports, rates presented are cases per 100,000 population. Rates are not calculated for categories with small numbers of cases. See each report for the rate calculation threshold.
6. Typically a significant number of STD cases are reported with unspecified race. When noted, imputed race-specific rates have been calculated. To calculate the imputed rate, reported cases with unspecified race were statistically allocated using the county-specific race distribution among cases with specified race. Thus, imputed rates specified in this table are estimates and should be used only for comparison.
7. In these reports, cases are allocated to the county of residence at the time of diagnosis. Cases diagnosed among inmates of correctional facilities are allocated to the county of the facility.

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For more information contact:

Wisconsin STD Program  
1 West Wilson Street  
PO Box 2659  
Madison, WI 53701-2659  
Telephone: (608) 266-8479